
ansible-hiera-data Documentation

Christian Meißner

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ANSIBLE HIERADATA

This collection provides plugins to manage your project configuration data in a hierarchical manner like [puppet](#) do.

1.1 Installation

The collection is available via [Ansible Galaxy](#). So you can run

```
ansible-galaxy collection install codeaffen.hieradata
```

Alternatively you can build and install the collection from source.

```
make dist
ansible-galaxy collection install codeaffen-hieradata-<version>.tar.gz
```

1.2 Configuraton

1.2.1 vars plugin configuration

The plugin comes with useful defaults to start to use the `hieradata` vars plugin without any configuration.

But if you need to customize the configuration you can see in [documentation](#) you can configure the vars plugin eigther via `ansible.cfg` parameter in section `hieradata` or via environment variables.

You have to keep in mind that the paths for `basedir` and `config` are relative to your inventory directory. Without any configuration you have to place the `basedir` and `config` as followed.

```
.
├── ansible.cfg
├── hieradata
├── hieradata.yml
└── hosts
```

If you want to use a different base then `hieradata` you can override it by exporting `HIERADATA_BASE_DIR` environment variable. This directory also has to belongs to inventory directory.

```
.
├── ansible.cfg
├── inventory
│   └── hieradata
│       └── customer_a
```

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```
├─ hieradata.yml
└─ hosts
```

In this example you need to do `export HIERADATA_BASE_DIR=hieradata/customer_a` if you want to use `hieradata/customer_a` as `hiera basedir`.

1.3 Documentation

1.3.1 readthedocs.io

Current documentation can be found on readthedocs.io.

1.3.2 repository folder

A last option to read the docs is the docs folder in this repository.

1.4 Dependencies

The following dependencies have to be fulfilled by the Ansible controller.

- ...

CODEAFFEN.HIERADATA RELEASE NOTES

Topics

- *codeaffen.hieradata Release Notes*
 - *v0.1.0*
 - * *Minor Changes*
 - *v0.0.1*
 - * *New Plugins*
 - *Vars*

2.1 v0.1.0

2.1.1 Minor Changes

- Add a wrapper function *combine_vars* to be compatible to default ansible.
- Add configuration parameters to manage hash and list behavior.
- Add method to parse configuration file (e.g. hieradata.yml).
- After loading, the vars will be combined with ansible functions.
- Change parameter names. Remove prefix to make documentation more clear.
- If last part is directory it can have no, one or multiple files in it.
- Last part of hierarchy can be file or directory.
- Load files from hierarchy.
- Parse entity name into *hiera_vars* dict.
- The *hiera_vars* dict can be used to generate a dynamic hierarchy.
- These function takes two extra parameters *hash_behavior* and *list_behavior* to configure this feature as needed.

2.2 v0.0.1

2.2.1 New Plugins

Vars

- `codeaffen.hieradata.hieradata` - Loads configuration from a hierarchical configuration structure structure

PLUGIN INDEX

These are the plugins in the `codeaffen.hieradata` collection

3.1 Vars Plugins

- `hieradata` – Loads configuration from a hierarchical configuration structure

See also:

List of collections with docs hosted [here](#).

FILTERS

Filters are used to manipulate data if needed.

4.1 <filter_name>

<!-- Filter description -->

since version: <SemVer_string>

<!-- example code -->

HOW TO CONTRIBUTE TO ANSIBLE-HIERA-DATA

5.1 Did you found a bug

- Make sure the bug is not already opened by another user.
- If you can't find an open issue which reflects your observed problem go ahead and [open a new bug](#).
- Provide as much information as mentioned in the bug report template.

5.2 Did you wrote a patch for an open bug

- Open new pull request containing the patch.
- Provide a clear description which describes the problem and the solution. Link the existing bug to the PR.

5.3 Do you want to add a new feature

- Make sure there isn't already a feature request.
- If you can't find an open feature request which describe your feature idea or parts of it feel free to [open a new feature request](#).
- Suggest your feature idea within the created feature request.
- Provide as much discription as possible to enable others to have a good understanding of what you are doing.
- Point out that you want to start to work on the new feature

5.4 Do you want to contribute to documentation

- Write you documentation change.
- Open a PR with your change.
- Discuss with the team about your changes.

5.5 Thank you for any contribution

We will thank you for heed the contribution guidelines and we encourage you to contribute and join the team.

INDICES AND TABLES

- `genindex`
- `search`